

# **AUTOMATED PHYSICAL ACCESS CONTROL SYSTEMS AND METHODS**

## **ABSTRACT**

Automated physical access control systems and methods are described. In one aspect, an access control system includes an object detector, a token reader, and an access controller. The object detector is configured to detect persons present within a detection area. The token reader is configured to interrogate  
5 tokens present within a token reader area. The access controller is configured to receive signals from the object detector and the token reader. The access controller is configured to compute one or more characteristics linking persons and tokens based upon signals received from the object detector and the token reader and to determine whether detected persons are carrying permissioned  
10 tokens based upon the one or more computed characteristics linking persons and tokens.